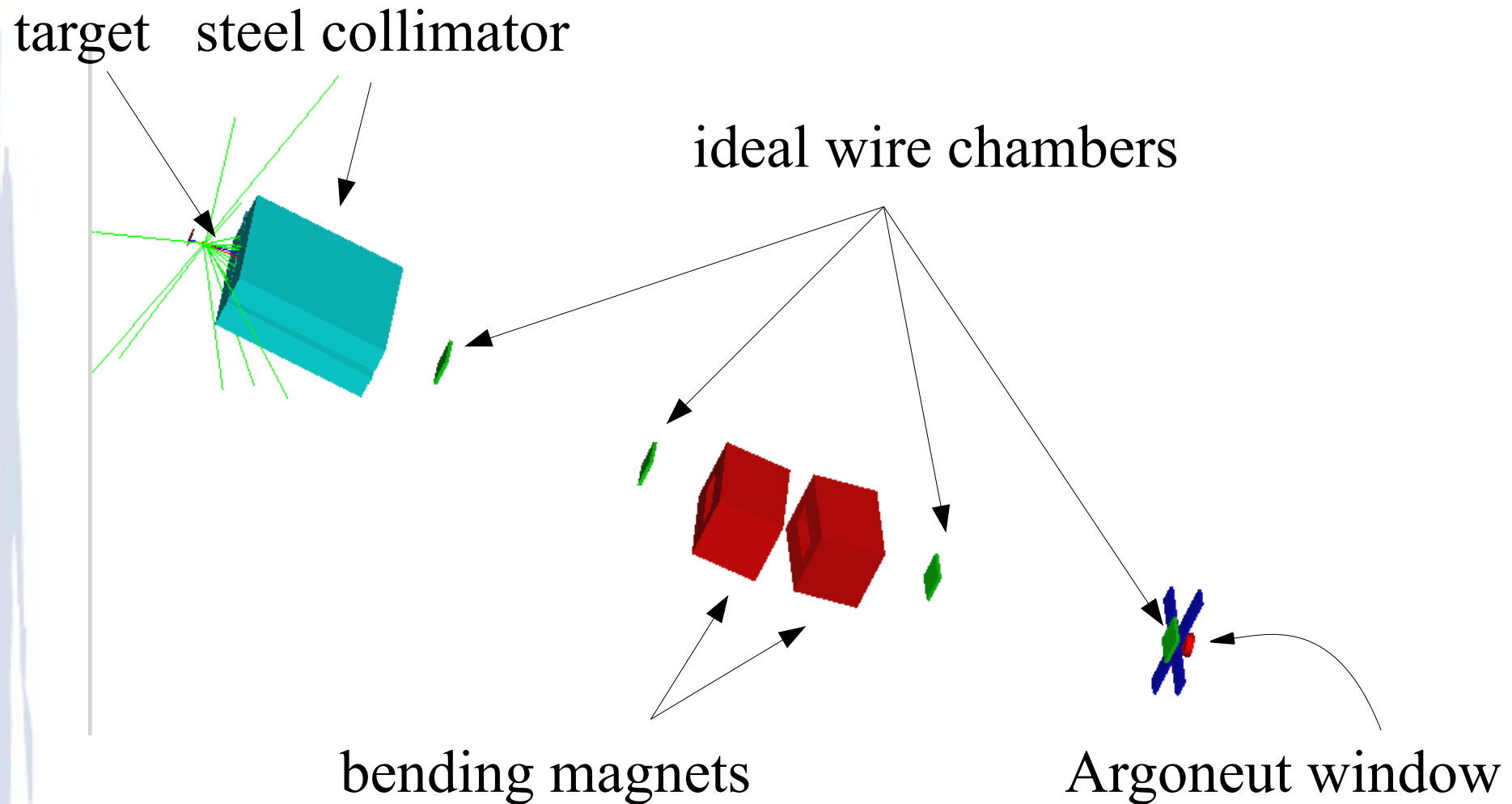


# Beamline Configuration Studies

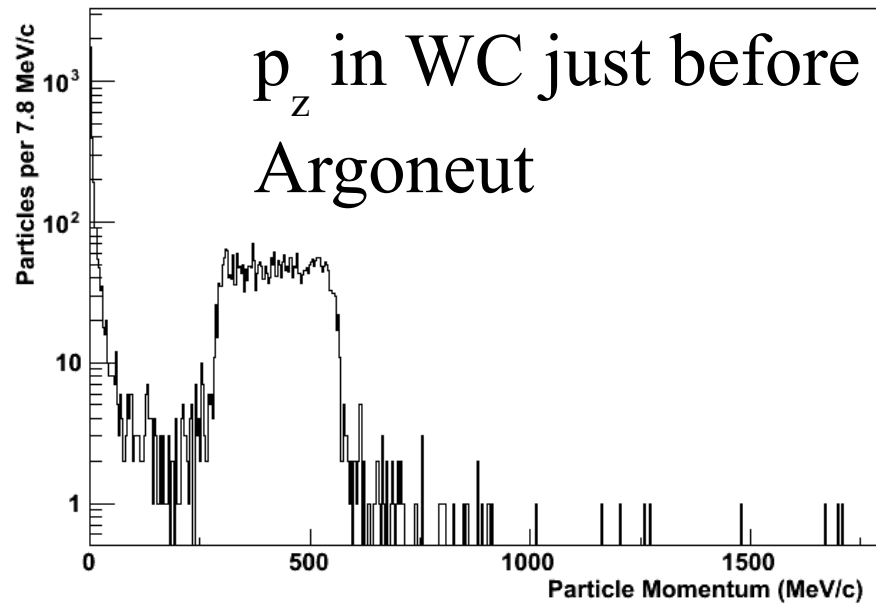
Jason St. John  
University of Cincinnati

# The One-Armed Spectrometer



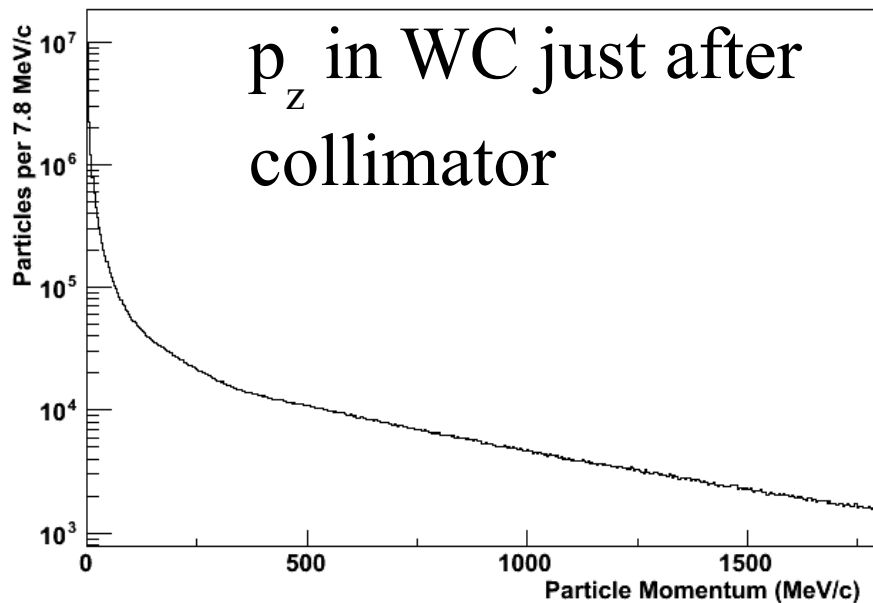
# The one-armed spectrometer

Final Beam



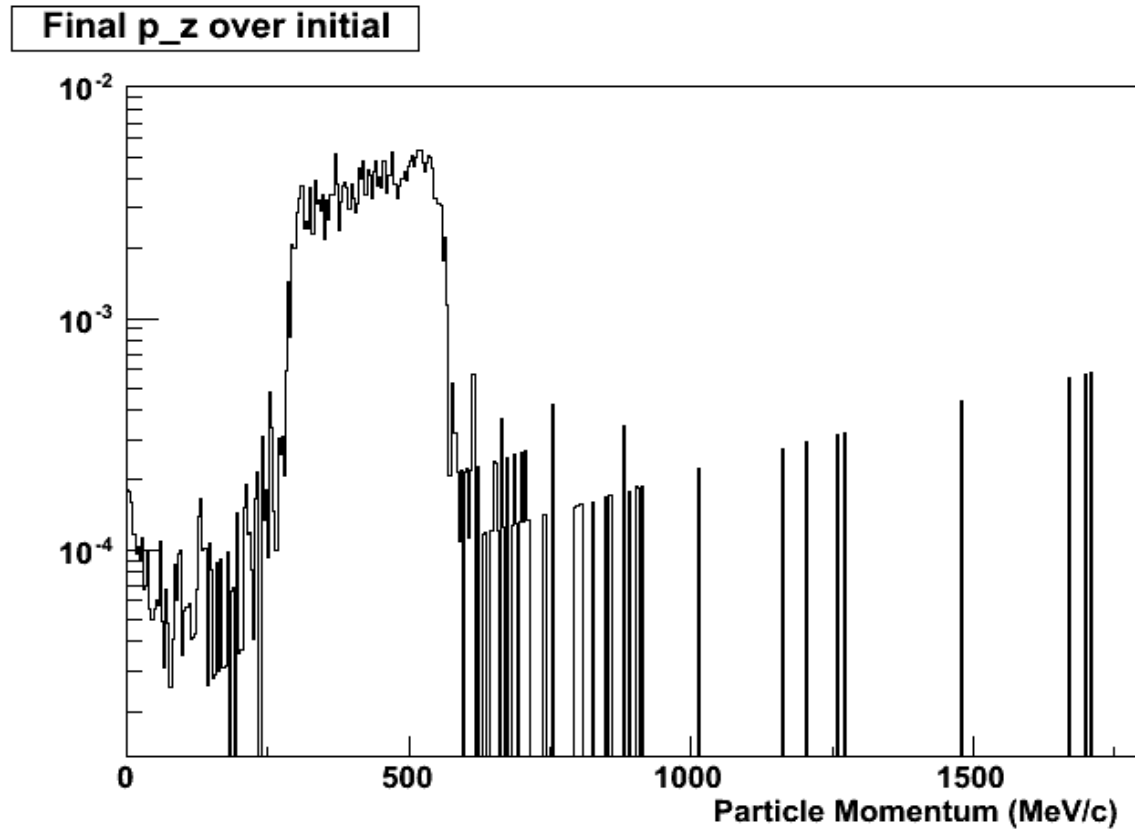
1200 spills of 300k  
8 GeV p incident on target

Initial Beam

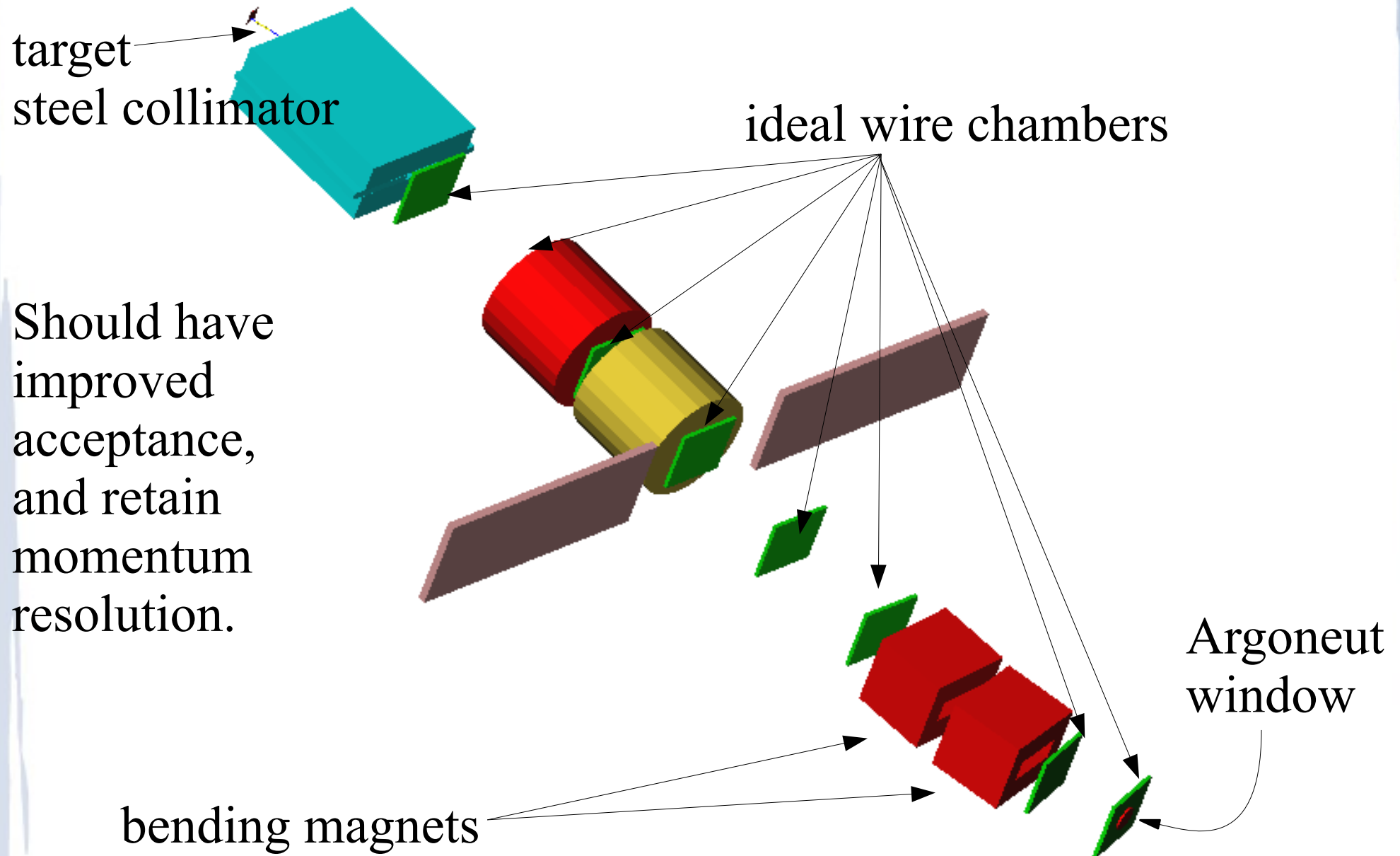


# The one-armed spectrometer

$p_z$  spectrum ratio  
(Fractional Acceptance vs  $p_z$ )



# The Two-Quad Option



# The Four-Quad Option

target, steel collimator

ideal wire chambers

Should have improved acceptance, and improved momentum selection

momentum selection collimator (shown fully open)

bending magnets

Argoneut window

